

rectifying element;

a regulator disposed in said case for adjusting a magnitude of the ac voltage generated by said stator;

a brush disposed in said case so as to advance and retreat in a radial direction of said rotor and one end thereof contacting said rotor to supply a field current to said field winding of said rotor;

a connector for mounting an external plug; and

said case containing a plurality of intake holes at a side where said fan of said rotor is mounted, and cooling air drawn in from said intake holes is bent in a centrifugal direction after cooling said rectifier to ventilate and cool said coil ends;

wherein said regulator and said brush are disposed so as to overlap in an axial direction, and center lines of said brush, said regulator and said connector are disposed on substantially a same plane extending in a radial direction, said rectifier is disposed substantially line symmetrical to said same plane, and said plurality of intake holes are formed in said case at a position corresponding to said rectifier.

2. (Amended) An automotive alternator according to Claim 1 wherein:

said regulator and said brush are disposed substantially point symmetrical with said connector with said shaft as a center, and center lines of said regulator, said brush, and said connector are disposed on substantially said same plane extending in a radial direction.

3. (Amended) An automotive alternator according to Claim 1 wherein:

said connector is disposed at substantially an outer circumferential-side of said regulator and said brush, and center lines of said connector, said regulator and said brush are disposed on substantially said same plane extending in a radial direction.

4. (Amended) An automotive alternator according to Claim 1 wherein:

said connector is disposed so as to further overlap said regulator and said brush in an

AMENDMENT UNDER 37 C.F.R. § 1.111
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axial direction, and center lines of said regulator, said brush, and said connector are disposed on substantially said same plane extending in a radial direction.
